



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 2899

SERIAL NUMBER 10/699,386	FILING DATE 10/31/2003  RULE	CLASS 375	GROUP ART UNIT 2634	ATTORNEY DOCKET NO. 873.0130.U1(US)
-----------------------------	---------------------------------------	--------------	------------------------	---

APPLICANTS

Mohammad Jaber Borran, Irving, TX;  
 Prabodh Varshney, Coppell, TX;  
 Jorma Lilleberg, Oulu, FINLAND;

\*\* CONTINUING DATA \*\*\*\*\*  
*N/A*

\*\* FOREIGN APPLICATIONS \*\*\*\*\*  
*N/A*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED  
 \*\* 02/03/2004

Foreign Priority claimed 35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance	STATE OR COUNTRY TX	SHEETS DRAWING 5	TOTAL CLAIMS 25	INDEPENDENT CLAIMS 6
---	---	---------------------------	------------------------	-----------------------	----------------------------

Verified and Acknowledged  
 Examiner's Signature \_\_\_\_\_ Initials \_\_\_\_\_

ADDRESS  
 29683  
 HARRINGTON & SMITH, LLP  
 4 RESEARCH DRIVE  
 SHELTON, CT  
 06484-6212

TITLE  
 Multiple-antenna partially coherent constellations for multi-carrier systems

FILING FEE  RECEIVED 1248	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue )
------------------------------------	---	--